



**STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
COOKEVILLE ENVIRONMENTAL FIELD OFFICE**

DIVISION OF WATER POLLUTION CONTROL

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November 10, 2010

Mr. Steve McCoy
Utilities Manager
Jamestown Water Department
314 E. Central Ave.
Jamestown, TN 38556

CERTIFIED MAIL

Return Receipt Requested

Receipt # 91 7108 2133 3939 2428 0850

**Re: Compliance Evaluation Inspection
City of Jamestown Water Treatment Plant
NPDES # TN0080969 – Permit Expires June 30, 2015
Receiving Waters: Yellow Creek, Fentress County, TN**

Dear Mr. McCoy

On October 17th and 28th, 2011 Division of Water Pollution Control (WPC) personnel conducted a Compliance Evaluation Inspection (CEI) of the City of Jamestown Water Treatment Plant (WTP). The purpose of the inspection was to evaluate compliance with the general NPDES permit for the WTP filter backwash and sedimentation basin discharge and to determine the reliability of data submitted on the Discharge Monitoring Reports (DMR). The discharge is to Yellow Creek.

Permit

The current coverage under the general NPDES permit (TN008969) became effective on September 3, 2010, and will expire on June 30, 2015. The permit requires that monthly analytical sampling of the discharge water be conducted for certain parameters. The results of these analyses are to be recorded and submitted to the Division via monthly DMRs.

Facility Review

Filter backwash water and flocculation basin residue are discharged to the old clarifier basin being used as a sedimentation basin prior to discharge to Yellow Creek. Water is decanted from the basin via a valve system. At the time of site visit on October 17th, a valve had been left partially open allowing water to continually drain from the basin. It was observed that this discharged water had a distinct discoloration. This was discussed with the operator and options to correct the situation were considered including longer retention times in the existing basin and the possibility of adding a secondary retention basin. At the time of the second visit on October 28th, the operator was holding the water in the basin as long as possible before discharging. Containment time is limited due to holding capacity. This process should be monitored closely for effective settling to produce a clear discharge. There was no

discharge at the time of this visit. Additional site visits will follow to monitor the efficacy of this procedure. If this procedure proves to be ineffective, the feasibility of a secondary settling basin should be explored.

Laboratory / Records Review

The permit requires that tested parameters be sampled monthly. The required records are being maintained and were available. The records were found to be consistent with the data submitted on the DMRs. The DMRs are submitted to the Central Office in a timely manner. The laboratory, associated equipment, and instruments were well-maintained and organized. Records of sample collection, analysis, equipment calibration, and maintenance were in good order and were made available upon request. Chlorine and pH tests are being performed at the water plant due to sample holding time requirements. Sample analyses for settleable and suspended solids are being performed by the Jamestown WWTP. Analyses for iron and aluminum are being conducted by a certified private laboratory.

We extend our thanks to Mr. Chris Ramsey for his time and courtesy during the inspection. If you have any questions, I can be reached at (931) 432-7631 or via e-mail at Brian.Mayo@tn.gov.

Sincerely,



Brian Mayo
Division of Water Pollution Control
Cookeville Environmental Field Office

Mr. Bill Hall, WPC Cookeville EFO, Program Manager (*via e-mail*)
Mr. Johnny Walker, DWS Cookeville EFO, Program Manager (*via e-mail*)
WPC EFO File (Fentress Co.)

Enclosure: Copy of EPA 3560 Form